

WIRE-TO-BOARD CONNECTOR CONTACTS

















PRODUCT DRAWING



♣ 3D PDF



AMP UNIVE. POWER CONN REC CONT

Power Double Lock | AMP Universal Power

175152-2

TE Internal Number: 175152-2 Alias ID: 0-0175152-2

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Wire/Cable Size (AWG) 20 - 16

Wire/Cable Size (mm²) .5 - 1.42

Contact Mating Area Plating Material Tin

Contact Current Rating (A) 12

Product Drawings

REC CONTACT AMP UNIVERSAL POWER CONN.

PDF (TIFF AVAILABLE)

English

REC CONTACT AMP UNIVERSAL POWER CONN.

PDF (TIFF AVAILABLE)

English

CAD Files

Customer View Model

3D_IGS.ZIP English

Customer View Model

3D_STP.ZIP English

Customer View Model

2D_DXF.ZIP English

3D PDF

PDF **English**

Product Specifications

Application Specification

Product Specification AMP Universal Power Connector

Japanese

AMP Universal Power Connector

Japanese

Crimping Of Universal Power Contact

Japanese

Crimping Of Universal Power Contact

APPLICATION SPECIFICATION AMP UNIVERSAL POWER CONTACT, CRIMPING

OF English



APPLICATION SPECIFICATION AMP UNIVERSAL POWER CONTACT, CRIMPING

OF TIF

Qualification Test Report

TIF
English
XREF
TIF
English

XREF PDF English

Product Environmental Compliance

TE Material Declaration

MD_175152-2_012020152151_dmtec

PDF **English**

Instruction Sheets

Instruction Sheet (non U.S.)

Extraction Tool For UP(913923-1)

TIF English

Extraction Tool For UP(913923-1)

PDF **English**

Hand Tool, PN 914181-1, Universal Power Contact (Was IS-505J)

TIF Japanese

Hand Tool, PN 914181-1, Universal Power Contact (Was IS-505J)

PDF **English**

AMP UNIVERSAL POWER CONNECTOR SERIES

TIF English

AMP UNIVERSAL POWER CONNECTOR SERIES

PDF **English**

Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features Wire/Cable Type Discrete Wire, Stranded

Connector System Wire-to-Wire

Product Type Contact

Glow Wire Rating Standard Part - Not Glow Wire

With Insulation Support Yes

Applies To Wire/Cable

Electrical Characteristics Insulation Resistance (M Ω) 1000

Contact Features Contact Type **Socket**

Contact Mating Area Plating Material Tin

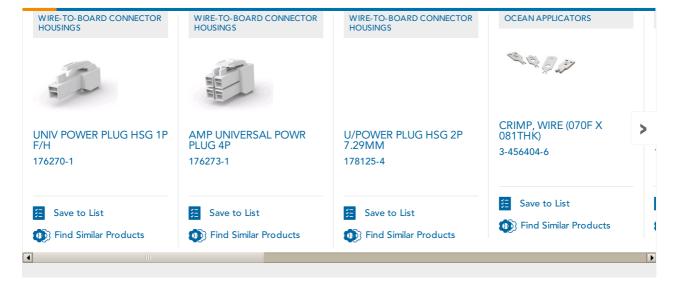
Contact Current Rating (A) 12

Contact Mating Area Plating Thickness .8 µm [31.49 µin]

	Contact Base Material Contact Transmits (Typical)	Brass
Termination Features	Termination Method to Wire/Cable Crimp Area Plating Material	Crimp Pre-Tin
Mechanical Attachment	Contact Retention Type Contact Retention	Locking Lance With
Dimensions	Wire/Cable Size (AWG) Wire/Cable Size (mm²) Insulation Diameter	20 – 16 .5 – 1.42 1.7 – 3.3 mm [.067 – .13 in]
Usage Conditions	Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
Operation/Application	For Use With	Plug Housing
Packaging Features	Packaging Method Packaging Quantity	Reel 4000
Product Compliance	Statement of Compliance	

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT



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Relation Type

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

See All Housings



PRODUCT - HOUSINGS

Connectors - Wire-to-Board Connector Housings Power Double Lock | AMP Universal Power

UNIV POWER PLUG HSG 18P F/H - 176280-6

TE INTERNAL NUMBER: 176280-6



Always EU RoHS/ELV Compliant

Centerline 3.96 mm

Number of Positions 18

Number of Rows 3

Row-to-Row Spacing 4.6 mm

Mating Retention With

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

See All Housings



PRODUCT - HOUSINGS

Connectors - Wire-to-Board Connector Housings Power Double Lock | AMP Universal Power

AMP UNIVERESAL POWER PLUG 4P

- 176273-2

TE INTERNAL NUMBER: 176273-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline 3.96 mm

Number of Positions 4

Number of Rows 2

Row-to-Row Spacing 4.6 mm

Color Red

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

See All Housings



PRODUCT - HOUSINGS

Connectors - Wire-to-Board Connector Housings

Power Double Lock | AMP Universal Power

UNIV POWRE PLUG HSG 10P F/H - 176277-6

TE INTERNAL NUMBER: 176277-6



Always EU RoHS/ELV Compliant

Centerline 3.96 mm

Number of Positions 10

Number of Rows 2

Row-to-Row Spacing 4.6 mm

Mating Retention With



